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LLOYD P. SMITH
ON THE
CLASSIFICATION OF BOOKS

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CLASSIFICATION OF BOOKS

A PAPER READ BEFORE THE AMERICAN LIBRARY
ASSOCIATION, MAY, 1882.

BY

LLOYD P. SMITH,

LIBRARIAN OF THE LIBRARY COMPANY OF PHILADELPHIA.

Expertus discas quam gravis iste labor.—Faciolati.

BOSTON

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PUBLISHERS OF WORKS ON PUBLIC AND PRIVATE LIBRARIES AND LIBRARIANSHIP
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MDCCCLXIX

THIS HUMBLE CONTRIBUTION TO BIBLIOGRAPHICAL SCIENCE

IS INSCRIBED BY THE

AUTHOR.

MAY, 1882.

A PLAN
FOR THE
CLASSIFICATION OF BOOKS
AS WELL IN A
PRINTED CATALOGUE
AS ON THE
SHELVES OF A LIBRARY.

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INTRODUCTION.

HOWEVER they may differ on the subject of cataloguing, librarians are agreed that books should be arranged on the shelves according to subjects. Experience teaches that it is impossible to attach too much importance to the advantages flowing from a wise and methodical order in the arrangement of a library. It is when it comes to systems of classification that experts—a limited number—begin to differ; and the reason is not far to seek. It is mainly because of the hardness of the task, which is so great that Aristotle, who executed it for the King of Egypt, was said by Strabo to be the only man who was ever able to arrange the books of a large library in an orderly and systematic manner. From that time to the present, the classification of human knowledge has occupied, more or less, the attention of some of the wisest of mankind, including such men as Bacon, Leibnitz, D'Alembert, and Coleridge. I refrain from wearying you with an account of the various systems which have been put forward from age to age. Those who wish to examine the history of the subject, will find it set down in detail in Woodward's *System of Universal Science* (Philadelphia, 1816). Suffice it to say that the genius of orderly arrangement seems, in modern times, to have taken up its special abode with the French, who have succeeded as well in classifying books as they have in ordering some other things usually considered more important.

The system of dividing a library into five classes—Theology, Jurisprudence, Sciences and Arts, Belles Lettres, and History, the whole followed or preceded by Bibliography—is commonly ascribed to the great French bibliographer, G. F. De Bure, a bookseller of Paris (1731–1782); but he appears to have merely adopted the plan of his predecessor in the same business, Gabriel Martin (1679–1761), who himself borrowed from Jean Garnier's *Systema bibliothecæ collegii Parisiensis Societatis Jesu* (1678). The plan, being found to work well in practice, has since been commonly followed in the catalogues and libraries of France, and, indeed, of the Continent generally; and in the arrangement of its books on the shelves, a system not very different is now practised at the British Museum. This plan was also deliberately adopted, but not without valuable improvements in detail, in the preparation of his catalogue of the Philadelphia Library (1835) by my learned and painstaking predecessor, the late George Campbell. That classified catalogue was a thorough and scholarly piece of work, to which was added a copious alphabetical Index; but in the mean time the Philadelphia Library had no classification on the shelves, it being probably the only large collection of books in the world where the volumes were arranged by sizes only, and in the order of accession. The defects of that system—or want of system—were so serious that, on the occasion of removing the Loganian Library and the greater part of the books of the Library Company, in 1878, to the Ridgway Branch, the opportunity was embraced to make a more logical disposition of them on the shelves, and one based, as to its main features, on the

system of the printed catalogue of 1835. It was in the actual execution of this work—*res sane magni momenti multique sudoris*—that the accompanying classification was wrought out; and as a bibliographical system, to be of value, must be the fruit of experience rather than an effort of genius, it has occurred to me that my fellow-members of the American Library Association might possibly find in it some useful suggestions.

The classification is intended to be permanent only so far as the six main classes A E I O U and Y, and their sub-classes a, b, c, d, e, etc., are concerned. In its details it is open to modification to suit the needs of libraries devoted mainly to the collection of one or a few classes of books. As the volumes multiply on the shelves, it is obvious that the divisions 1, 2, 3, 4, etc., can be added to indefinitely,—by each librarian for himself—without deranging the system. Moreover, the divisions can themselves be subdivided by supplying arbitrary marks. For example, under Zoology (I16), I have made but one subdivision, that of Birds (I16+), whereas an Academy of Natural Sciences might well find it expedient to distribute their works on the animal kingdom in accordance with the elaborate plan set forth in Agassiz's *Essay on Classification*. On the other hand, a small library may content itself with the classes and sub-classes marked by letters only, or even with the classes A E I O U Y alone. It is to be remarked in passing that, by this arrangement, whatever improvements may be made from time to time in the details of the system, the books have always a relative, and not a fixed location on the shelves, so that they may be moved from shelf to shelf, from case to case, and from building to building, without altering the shelf marks.

The system is available, not only for the arrangement of books on the shelves, but also for their classification in a subject catalogue. Indeed, the shelf lists themselves form—when properly made—a subject catalogue, which may be sent off to the printer as soon as there is money enough to pay for setting them up in type. It is true that most of the ends of a subject catalogue may be gained by the modern dictionary catalogue—combining authors and subjects in one alphabet—which it is to the credit of Mr. Poole to have invented, and of Messrs. Cutter, Noyes, and others to have developed; but, nevertheless, to my mind, the ideal printed catalogue is a classified one, with a copious alphabetical index. Suppose that the British Museum had such a printed catalogue to-day, how much would the usefulness of that great Institution be enhanced!

It is only too obvious that the librarian who adopts this, or indeed any plan for the classification of books, must sometimes be at a loss to decide exactly under what subdivision to place a particular book, the problem, in difficult cases, being quite the highest proposed to a bibliographer. The rule is to place each book under its most specific class, but nevertheless two successive librarians—or indeed the same one at different times—might, without impropriety, classify the same book under different heads. To secure uniformity, therefore, and to make the work of cataloguing and classifying books arranged on this plan more easy, the accompanying Synopsis and Classification are followed by an alphabetical Index. In its preparation, I have made use of the subject Index of my ingenious friend Mr. Melvil Dui, in his excellent *Classification of a Library* (Amherst, 1876). By his kind permission, it is

here reproduced, with the addition of about nine hundred new catchwords which were found desirable in practice; for some of the latter I am indebted to Mr. F. B. Perkins' *Rational Classification of Literature* (San Francisco, 1881), which reached me as these sheets were passing through the press. *The alphabetical class-signs in my system are placed alongside of the numerical class-signs in Mr. Dui's system.* The reason for adopting an alphabetical instead of a numerical designation of the several classes and sub-classes was simply to prevent confusion in calling for a book by its number, it being thought that the number of the class might be mistaken for the number of the book. This, of course, is a matter of detail which may be changed without affecting the system.

Whether the classification itself is more or less logical than that of others who have attempted this hard and thankless, but needful task, it is not for me to say. It has at least the merit of not being made out of nothing, but rather of having been evolved from a pre-existing system which has the approval of the best bibliographers of Europe, and which has been tried for centuries, and not found wanting. *Nolumus leges Angliæ mutare.* I believe the groundwork of the system to be good, but I know very well that the building I have raised upon it can be improved; and therefore any one who thinks of making use of either would do well to study—among others—the *Table Méthodique* of Brunet, and the classification—which, however, is rather crude—of the British Museum. The latter can be consulted in Henry Stevens' *Catalogue of the American books in the Library of the British Museum* (London, 1866). Mr. Dui's and Mr. Perkins' highly original systems are also full of valuable suggestions, though the former is, to my thinking, not sufficiently worked out in detail, while the latter, with its six thousand classes—ten times as many as are used in the British Museum—is, if anything, too much so. The reference alphabet—first used by Mr. Dui—gives their systems of classification, in point of practical utility, a decided advantage over others; and Mr. Dui's decimal division brings in an element of simplicity which has, in theory at least, some obvious advantages. It is also steadily making its way into practice, and I understand there are more American libraries now using that plan than any other. Mr. Perkins "believes that his system accomplishes some good things which Mr. Dui's does not, and cures some defects in it:" and I agree with him. If I did not think that mine was on the whole better than either, I should not publish it. Nevertheless, I am free to say that in working out the details I consider Mr. Perkins' arrangement in some respects better than my own, and if I had seen it in time I could have improved mine in several ways. Mr. Swartz's Mnemonic System, and that of Mr. Cutter—described in Vol. IV. of the *Library Journal*—are also worthy of the highest consideration. Doubtless the true Classification of Books, at once rational and convenient in practice, is a thing yet to be established, but at any rate the materials for it exist; and if the present System with its Index—on which I have been working more or less for the past four years—contributes in any degree to make the labors of those who follow me more easy, it is all that I expect.

I have only to add my thanks to our excellent Secretary for his kindness in undertaking the publication of the work, and to say that its profits, if any, are to go to the American Library Association.

SYNOPSIS.

- Class A.** **RELIGION.**
- E.** **JURISPRUDENCE.**
- I.** **SCIENCES AND ARTS.**
- O.** **BELLES LETTRES.**
- U.** **HISTORY.**
- Y.** **BIBLIOGRAPHY AND THE HISTORY OF**
 LITERATURE.
- Subclasses.** **a, b, c, d, e, etc.**
- Divisions.** **1, 2, 3, 4, etc.**
- Subdivisions.** **+, Δ, □, IV, V, VI, etc.**

CLASSIFICATION.

CLASS A. RELIGION.

(Cyclopædias of Religion are classed A only.)

- a Treatises on Toleration.
- b Treatises on Natural Religion and on the existence of a God, His attributes, etc.; Theism, Pantheism, Atheism. (See A o 8.) Bridgewater treatises.
- c The Holy Scriptures. Texts, Paraphrases, and Versions.
 - 1. Bibles.
 - 2. Selections from both Testaments.
 - 3. Old Testament.
 - 4. Apocryphal books.
 - 5. New Testament.
 - 6. Parts of the New Testament.

Note: under each division Versions are placed in the alphabetical order of their languages, preceded by Polyglots.
- d Scripture histories, dictionaries, cyclopædias, concordances, chronologies, and harmonies. The life of Christ.
 - 1. Treatises on the Canon.
- e Criticism, interpretation of, and commentaries on, the Scriptures.
- f Treatises on the Truth and Evidences of revealed religion. Hulsean, Bampton, Boyle, and Bohlen lectures.
 - 1. Faith and reason, Science and revelation.
 - 2. Miracles. The resurrection of our Lord.
 - 3. Inspiration.
- g Creeds, catechisms, liturgies, and treatises thereon. The Christian Year. Rites and ceremonies, sacraments, ordinances.
 - 1. Missals, breviaries, etc. Pontificale Romanum.
 - 2. Book of Common Prayer.
- h Collections of prayers and meditations. The Lord's Prayer, Answers to prayer, Prayer meetings, etc.

- i Metrical versions of the Psalms ; Hymns and works thereon.
- k Ancient and modern theologians. The Fathers, and works on them.
- l Doctrinal, practical, controversial, and miscellaneous divinity. Systematic and pastoral theology.
 - 1. The controversy between the Roman Catholic Church and Protestantism, etc. (See A o 11, 12, 13, 15 +.)
 - + Infallibility.
- m Sermons, pastoral letters and charges, etc. Homiletics. Pulpit elocution and oratory.
- n Jewish antiquities, history, customs, literature, philosophy, etc. Books (other than the Bible) printed in Hebrew. The Talmud, rabbinical literature, the Kabbala.
 - 1. The Sabbath and the Lord's Day.
- o Ecclesiastical history ; Christian antiquities ; the primitive church.

Note : Under each of the following heads are placed controversial, periodical, and other works illustrating the history of the denomination in question.

 - 1. Oriental Churches.
 - 2. Latin (See A o 13, and U u 2).
 - + Jansenists, Quietists, Mystics, Port Royal. Old Catholics.
 - △ Gallican Church, etc.
 - Spain, etc.
 - IV. R. C. Church in the U. S. and Canada.
 - 3. Anglican and Protestant Episcopal. Christianity in England.
 - + Reformed Episcopal Church.
 - 4. Scottish and Presbyterian.
 - 5. Congregational ; the Puritans ; N. England.
 - 6. Baptist. Works on baptism.
 - 7. Methodist.
 - 8. Unitarian and Universalist.
 - + Arian and Socinian history and controversy.
 - 9. Mormon. Utah.
 - 10. Society of Friends, including lives and works of its founders. Progressive Friends.
 - 11. Other denominations. The Reformation. Protestant sects. (See A l 1.)
 - + Reformation in Germany : Luther and the Lutheran Church.
 - △ Reformation in Switzerland, Holland, etc. Calvin and the Reformed Church.
 - Reformation in France. The Huguenots.
 - IV. " Italy.
 - V. " Spain.
 - 12. History of the Inquisition.
 - 13. Collected lives of Saints, Popes, Cardinals, etc. Martyrologies. (See U z, and U u 2.)
 - 14. Collected religious biography. Collected lives of missionaries. (See U z.)

15. Bible, missionary, and other Societies. Missions.

+. Monastic and religious Orders. Flagellants. Lollards.

△. Society of Jesus.

Note: For North American Jesuit Relations, etc., see U y 9 +.

16. History of dogma and heresy. Councils, their decrees and canons.

p Islam.

1. Life of Mahomet.

2. The Koran, etc.

q Paganism. Mythology.

1. Comparative mythology; views of all religions; science of religion; origin of belief; symbolism; serpent worship; Sabianism. (See I e, O f 7, U i.)

2. Greek and Roman mythology.

+. Oracles; Sibylline books; Eleusinian mysteries, etc.

3. Mythology of Germany and Northern Europe.

4. Hinduism; Buddhism; Jainism; the Vedas; the Bagvat Gita, etc. Works in Sanskrit and translations thereof.

5. Parseeism. Zend-Avesta. Culte de Mithra.

6. Religions of China and Japan. Chinese classics and literature. (See U x 2, and O a 2 *note*.)

7. Other religions. (See U f 4.)

r Theological and religious periodicals. (See A o *note*.)

CLASS E. JURISPRUDENCE.

- a General treatises on laws : legal miscellanies, periodicals, and history ; professional ethics ; the law of evidence ; oaths ; courts.
 - 1. Law dictionaries.
- b Law of nature and of nations. Sea laws. Diplomatic and consular manuals.
- c Treaties.
- d Ancient, civil, feudal, and ecclesiastical law.
- e Common law and Equity.
 - 1. Law of real property. Conveyancing.
 - 2. Commercial law.
 - 3. Law relating to women, marriage, and divorce. (See I g 2.)
- f Constitutional and municipal law and commentaries.
 - 1. The United States.
 - 2. Particular States, alphabetically.
 - 3. Great Britain.
 - + . Constitutional history.
 - △ . Colonial.
 - 4. Continental Europe.
 - 5. Asia.
 - 6. Other countries.
- g Parliamentary law and practice. Rules of order.
- h Criminal and penal law. Police and prison discipline. Houses of refuge and correction. Detectives. Crime.
 - 1. Capital punishment.
- i Medical jurisprudence.
- k Trials.
 - 1. Criminal and State trials.
 - 2. Reports. Trials in civil cases.
 - + . English.
 - △ . American, alphabetically by states.
 - 3. Individual and particular cases.
 - 4. Ecclesiastical trials.
- m Patent law ; Copyright.
- n Military law ; treatises on courts martial. Army regulations. Militia laws.
 - 1. Trials by court-martial.

CLASS I. SCIENCES AND ARTS.

- a Philosophy: general and miscellaneous works. (See I c.)
 - 1. History of philosophy. Philosophical dictionaries.
- b Cyclopedias and dictionaries of arts and sciences. Collections of useful knowledge.
 - 1. French, German, etc.
- c Metaphysics. Psychology. (See I a.)
- d Physiognomy and Phrenology. Temperaments.
- e Occult philosophy. Prophecies other than Biblical. Swedenborg and his works. The future life considered apart from Revelation. (See A q 1, U i.)
 - 1. Alchemy.
 - 2. Astrology and palmistry; fortune telling; oneiromancy.
 - 3. Demonology; witchcraft; apparitions; hallucinations; stigmata.
 - 4. Modern Spiritualism; mesmerism; somnambulism; dreams; sleep.
- f Logic.
- g Moral philosophy; Ethics.
 - 1. Ethical treatises on the Passions, Virtues, Vices, Peace, Solitude, Happiness, Suicide, etc.
 - 2. Marriage and the condition, duties, and rights of women; sex in nature; the family. (See E l.)
 - 3. Etiquette, courtesy, the character of a gentleman. (See U h.)
 - 4. Casuistry, Christian morals. Cruelty to children and animals. Vivisection.
 - 5. Temperance. Prohibitory and license laws. (See I n 2 +.)
 - 6. Lotteries and gambling.
- h Education.
 - 1. Elementary works for youth. (See O f 2 +.)
 - 2. Universities, Colleges, Military and Naval Academies, Theological, Industrial, and Common Schools. U. S. and State Reports. (See I n 9, U y 7 +, U y 8.)
 - 3. Instruction for the blind, deaf, etc. (See I i 7, I n 8.)
 - 4. Self-culture. Debating societies and reading clubs.
- i Government and politics, general treatises; histories.
 - 1. Political economy, population, pauperism, wages, labor, strikes, co-operation, communism, socialism.
 - 2. Money, the precious metals, mints, finance, banks, investments, usury, interest tables, paper credit, national debts, taxation. (See U p 5 +, U y 7 △.)

3. Trade, colonization, commerce, weights and measures, auctions.
 - + . History of commerce, colonization, and prices. Tariffs (except U. S., U y 7 △), mails, commercial dictionaries, periodicals, etc.
 - △. Reports of Companies, including Boards of Trade. Trade unions. Guilds.
 4. Slavery and the slave trade. (See U y 5.)
 - + . African colonization. Liberia. (See U d 12 vi, U x 10.)
 5. Internal improvements, civil engineering, water-works, roads, canals, bridges, tunnels, wheel carriages, etc.
 - + . Histories and reports. Canal companies. (See U x 4 +.)
 6. Railroads, tramways, locomotives, including reports of companies, railway guides, and excursions. (See U c 1.) Railway engineering.
 7. Hospitals (see I n 8), dispensaries, and poor-houses. Lazarettos, quarantine. Public and private charities.
- k Physics. Natural philosophy. Dictionaries and encyclopedias; general and miscellaneous treatises, systems, histories, etc. Popular science.
1. Electricity, galvanism, magnetism, heat, gravitation, force.
 2. Electricity, etc., applied to the arts. Telegraphs, telephones, etc.
 3. Meteorology, pneumatics, winds, storms, the barometer, magnetic observations, climate.
 - + . Ballooning.
 4. Chemistry.
 5. Applied chemistry.
 6. Spectrum analysis.
- l Natural history: General and miscellaneous works. Cosmology. The creation. Museums. Transactions. Collectors' manuals. (See I y.)
1. Natural history of different countries, etc.
 2. Geology, palæontology, fossils, glaciers, volcanoes, earthquakes, waters, etc.
 - + . Baths, springs, mineral waters. Water analysis.
 - △. Petroleum.
 3. Geological reports, maps, etc., alphabetically arranged.
 4. Mineralogy, mines, metals, reduction of ores.
 - + . Coal and iron. (See I u 3.) Peat.
 - △. Mining companies, etc.
 5. Botany.
 - + . Trees and shrubs. (See I u 11 +, I u 12.)
 - △. Transactions and periodicals.
 6. Zoology, Taxidermy, Instinct.
 - + . Birds.
 7. Biology, origin of species, Darwinism, evolution, spontaneous generation, life.
- m Anthropology, the natural history of man, the unity of the human race, etc. (See U f 1.)
1. Descent of man; heredity.

2. Ethnology.
 - + . The negro.
 - △ . Crania, etc.
3. Sociology; history of civilization and progress; social science; modern thought.
- n Medicine: general and miscellaneous works, medical dictionaries, and periodicals.
 1. Anatomy and physiology; histology. Comparative anatomy.
 2. *Materia Medica*. Pharmacopœias, dispensaries, medical botany.
 - + . Poisons; stimulants and narcotics; tobacco; opium; hasheesh.
 3. Theory and practice of medicine. Nursing.
 - + . Professional ethics.
 - △ . Change of air.
 - . Homeopathy, hydropathy, etc.
 4. Surgery—including military surgery—and obstetrics. Gynæcology.
 - + . Dentistry.
 5. Treatises on particular diseases (alphabetical by subjects).
 6. Diseases incident to various places, professions, etc.
 7. Treatises on health, diet, regimen, longevity, training, bathing, physical beauty; boards of health, public hygiene, etc.
 8. Mental disorders, including Reports of idiot schools and asylums for the insane. (See I i 7.) The brain and its connection with mind.
 9. History of medicine and of medical schools, departments, etc. Medical directories.
- o Mathematics; general and miscellaneous works. Histories.
 1. Arithmetic, algebra, calculus, quaternions.
 2. Geometry, trigonometry, conic sections, surveying, mensuration.
 3. Logarithms; mathematical tables and instruments.
 4. Theory and calculations of probabilities; life annuities.
 - + . Insurance and insurance companies.
- p Astronomy, astronomical tables, and instruments. Theory of the tides.
 1. Almanacs, ephemerides, etc.
 2. Treatises on the Calendar. (See U e.)
 3. Plurality of worlds.
- q Mechanics, hydrostatics, hydraulics, descriptions of machines, steam engines. (See I i 6.)
- r Optics, light, vision, the eye. Acoustics.
 1. The microscope and its revelations; stereoscope; kaleidoscope.
 2. The phonograph, etc.
- s The fine arts; general and miscellaneous works; dictionaries; periodicals. Æsthetics.
 1. Arts of design; perspective; beauty in art.
 2. Painting, enamelling, harmony of colors, chromatography, etc. (See U z 1 △.)
 3. Engraving, lithography.

4. Sculpture, bronzes, seal engraving, wood, paper, and wax carving; prints of statues, monuments, etc.
5. Photography and photographs; photolithography.
6. Books of prints, catalogues and descriptions of pictures, galleries, etc. (See U z 3.)
 - + . Illustrated journals.
 - △ . Caricatures and comic papers.
 - . Picturesque views, tours, etc.
7. Music and musical composition. Criticism, dictionaries, periodicals, history, etc.
 - + . Art of singing.
 - △ . Songs, operas, and oratorios, with music. (See O e 7.)
 - . Sacred music.
- IV. General and secular music.
- V. Single instrumental compositions.
- VI. Particular instruments.
8. Ecclesiastical art, Christian iconography, church needlework and vestments.
9. Anatomy for artists.
10. History of art. (See U z 1 △.)
- t Architecture. General works, histories, periodicals, etc. Ancient architecture.
 1. Church and gothic; bells; views of churches.
 2. Domestic and rural.
 3. Masonry and bricklaying; tiles; cements.
 4. Carpentry and turning.
 5. Warming, lighting, ventilating, and draining buildings. Lightning rods, gas, photogenic oils, fires, and fire engines.
 6. Furniture, house painting, decorative arts, etc.
 - + . Vases, gems, precious stones, finger-rings, plate, bric-a-brac.
 7. Views and descriptions of edifices, ruins, arches, columns, etc. (See U f.)
 8. School architecture.
- u Arts and trades, general works, patents, inventions, periodicals, dictionaries, histories.
 1. Art of memory.
 2. Book-keeping.
 3. Iron manufactures and trade. Steel. (See I l 4 +.)
 4. Other metals; metallurgy in general.
 5. Textile fabrics and materials. Dyeing and bleaching. (See I u 14.)
 6. Watch and instrument making; horology; dialling.
 7. Carriage and cabinet making and painting.
 8. Leather, shoes, etc. Caoutchouc.
 9. Pottery, porcelain, terra cotta, ceramic art, bricks, glass, japanning.

10. Other arts and trades, arranged alphabetically.
 - + . Brewing and distilling ; gauging ; bar tending.
11. Agriculture and gardening. Agricultural chemistry and products.
 - + . Fruits and fruit trees, vineyards, wines, vinegar.
 - △ . Agricultural and horticultural associations. U. S. and State Reports.
 - . Fish culture.
- IV. Insect enemies.
12. Landscape and ornamental gardening, rural life, forestry, rural cemeteries, etc. (See I 15 +.)
13. Treatises on horses, cattle, dairy products, sheep, poultry, pigeons, etc. The veterinary art, farriery.
14. Treatises on silkworms and bees. Silk industry. (See I u 5.)
15. Treatises on cookery and carving. Gastronomy. Food. Markets. Sugar boiling.
16. Industrial exhibitions and chefs d'œuvre. South Kensington Museum and Conferences. The Centennial of 1876, etc.
17. Miscellaneous. Domestic economy. Needlework. (See I s 8.) Toilet arts.
- v Navigation, naval architecture, naval tactics. (See U b 10 and I p.)
 1. Historical works. The merchant service. (See U p 8, U y 14.)
 2. Diving ; torpedoes.
 3. Sea fishing.
- w Military art, militia, military engineering. (See E n, I h 2, U y 7 □.)
 1. Military history. (See U p 8 and U y 14.)
 - + . Waterloo campaign.
- x Recreative arts.
 1. Field sports, cricket, angling, the dog, horsemanship and horse racing (See I u 13), coaching, velocipedes, skating, rowing, and swimming. Bull fights, cock fighting, boxing, wrestling, and fencing. Trapping, the rifle, sporting guns and tackle, game birds and animals, etc.
 - + . Sporting tours, anecdotes, magazines, etc.
 2. Parlor pastimes, legerdemain, enigmas, conundrums, charades, and dramas ; dancing. Cards, draughts, dominoes, backgammon, billiards, etc.
 - + . Chess.
- y Memoirs, histories, and transactions of scientific institutions ; academies. (See I l.)
 1. American.
 2. English, Scotch, and Irish. The British Museum.
 3. French.
 4. German.
 5. Other.

Note: Institutions devoted to a particular branch of science will be classed accordingly.
- z General scientific periodicals, year book of facts in science and art, etc.

CLASS O. BELLES LETTRES.

- a Grammar and lexicography ; general works. Philology. Alphabets.
 - 1. Greek and Latin languages.
 - 2. Oriental, European, and other languages, arranged alphabetically.
Note : Books printed in Arabic, Pali, and other oriental and outlandish characters, except Hebrew (A c 3 and A n) and Sanscrit (A q 4) and Bibles (A c) and Hieroglyphics (U f 4) will be classified under O a 2.
- b Rhetoric, criticism, oratory, gesture, elocution, art of conversation and of reading aloud.
 - 1. Exercises in elocution. Speakers and readers.
 - 2. Art of composition and of making translations and abridgments. Punctuation.
- c Orations and orators ; speeches, addresses, discourses.
 - 1. Collected funeral orations. (See U z.)
- d Poetry ; treatises, history, etc.
 - 1. Greek and Latin poetry and translations. Also treatises thereon.
 +. Homer.
 - 2. English poetry and epigrams. (See U p 3 + and U p 4 +.).
 +. Songs and ballads. Chapbooks.
 △. Scottish poetry and treatises thereon.
 □. History.
 IV. Collected British poets and selections in the English language.
 V. Collected American poets and selections.
 - 3. French poetry.
 +. Early, Provençal, and patois ; Chansons de geste, the troubadours and treatises thereon.
 - 4. German and Dutch poetry and poets.
 - 5. Italian poetry ; also treatises and criticisms thereon.
 - 6. Other languages.
 - 7. Macaronics.
Note : In Poetry, Drama, and Fiction, translations into English (except of works written in Latin and Greek) are classed respectively O d 2, O e 2, and O f 2.
- e Drama. Treatises on the stage and histories thereof. Passion plays.
 - 1. Dramatic works ; Greek and Latin and translations.
 - 2. “ “ English.
 +. Shakespeare, including his life, etc.
 - 3. Dramatic works : French.

4. Dramatic works : German.
5. " " Italian.
6. " " Other languages.
7. Musical dramas. Librettos of operas and oratorios. (See I s 7 △.)
- f Fiction : treatises, history, etc.
 1. Works of fiction, wit and humor, imaginary voyages and adventures, fables and legends ; Greek and Latin and translations.
 2. English fiction.
 - + . Juveniles.
 3. French fiction.
 4. German fiction.
 5. Italian fiction.
 6. Other fiction.
 7. Folk lore, fairy tales, nursery rhymes, etc. (See A q 1.)
- g Anecdotes, proverbs, maxims, dialogues, emblems, mottoes, anagrams.
 1. Ana : table talk.
 2. Proverbs.
- h Epistolary writers.
 1. History and art of letter writing.
- i Polygraphy ; or the collected works of authors who have written on various subjects and in various styles.
 1. Greek and Latin, and translations.
 - + . Collected editions of the classics.
 2. English.
 3. French.
 4. German.
 5. Italian.
 6. Other.
- k Pamphlets on various subjects bound up together.
- l Pamphlets unbound and awaiting final classification.
- m Literary miscellanies : essays, extracts.
 1. Greek and Latin.
 2. English.
 - + . Early English Text and similar printing societies and collections.
 3. French.
 4. German.
 5. Italian.
 6. Quotations. Concordances other than of the Bible (A d). Index Society ; general indexes to periodicals.
 - + . Greek, Latin, etc.

Note : The Index to a particular work, to an author's collected works, and to a particular periodical, will be placed therewith.
- n Literary journals, magazines, reviews, and transactions.
 1. American.
 - + . Annuals.

2. British.
3. French.
4. German.
5. Other languages.

Note: Periodicals and transactions relating to a particular subject will be classed accordingly, the publications of purely literary associations being lettered O n.

- o Registers and historical journals, statesman's year-book, etc.
- p Gazettes, newspapers, prices current, arranged by localities.
 1. History of newspapers. Newspaper directories.
 2. Newspaper cuttings, scraps, and extracts.

CLASS U. HISTORY.

Note: In cases where the division under History is more minute than under Voyages and Travels (e. g. U d 8 △, U v 10 and U x 2), Travels are reckoned as History, and vice versa.

- a Treatises on history. Historic atlases. The philosophy of history.
- b Geography, gazetteers, etc.

Note: For geographies of the several United States and Territories see U y 8.

1. Atlases, maps, and charts of the world; miscellaneous maps. Cartography.
+. Ancient.
2. Atlases, maps, charts, and plans of Europe, arranged alphabetically by countries.
3. Atlases, etc., of Asia.
4. " " Africa.
5. " " America.
6. " " the United States.
+. Maps relating to the Rebellion.
7. U. S. Coast Survey Charts and Reports.
8. Atlases, etc., of particular States, in alphabetical order, and subdivided by counties, cities, etc. (See U y 8.)
9. Atlases, etc., of Australia, Oceanica, etc.
10. Hydrography; nautical charts; wind and current charts; sailing directions; light houses; the ocean world and its products; coral reefs; lake surveys; rivers. (See I v.)
11. Physical atlases and geographies.
- c Topography and statistics.
 1. Handbooks of Travel, and Guide books. (See U d 8 △, I i 6, I s 6 □.)
 2. British topography, statistics, censuses, etc.
+. Ireland.
△. Scotland.
□. Wales.
 3. British local histories, alphabetical, including Isle of Man.
+. London and the river Thames. (See I t 7.)

4. British county histories and guide books, arranged alphabetically. Isle of Wight.

+ . The Channel Islands.

5. American topography.

Note: For the county and local histories, etc., of the several States and Canada, see U y 8, and U y 9 +.

6. American statistics, censuses, etc. (See U y 7 vii.)

7. Directories, arranged alphabetically by localities.

d Voyages and travels. Treatises on travelling.

1. Histories and collections of voyages. Hakluyt Society.

2. Voyages and travels in various parts of the world. Overland route.

3. Round the world; South Seas; Polynesia; N. W. Passage; N. W. Coast of America.

+ . Arctic and Antarctic expeditions and treatises thereon.

4. Australia, New Zealand, Van Dieman's Land, New Guinea.

5. Shipwrecks and disasters at sea. Life boats.

6. Travels in various parts of Europe; the Mediterranean; Dalmatia and Montenegro; the Rhine, etc.

7. Travels in the North of Europe; Russia, Germany, Hungary, Holland, and Belgium.

8. Travels in Italy, France, Spain, Portugal, Switzerland, etc.

+ . Madeira, the Azores, and the Canaries.

△ . Paris, including Guide books and histories.

9. Travels in Great Britain and Ireland.

10. Travels in Turkey, Greece, the Levant, the Crimea, Syria, Palestine, and Arabia.

+ . The Holy Land, Moab, the Dead Sea, etc., including their history and geography.

△ . Jerusalem.

11. Travels in Persia, China, Hindustan, the East Indies, etc.

+ . Siberia and Kamtchatka. (See U q 2.)

△ . Central Asia, Tibet, Tartary, Kashmir, etc. (See U x 3.)

□ . Caucasus, Georgia, Armenia, the Caspian.

12. Travels in Africa.

+ . Egypt, the Nile, Abyssinia, Ethiopia, Nubia. (See U x 4.)

△ . South Africa. (See U x 11.)

□ . Central Africa.

IV. St. Helena.

V. North Africa. (See U x 9, U x 12.)

VI. West Coast. (See I i 4 +, U x 10.)

VII. East Africa. (See U x 3 □.)

13. Travels in America and voyages thereto.

+ . South America.

△ . Central America and Colombia. The West Indies.

- e General history. Chronology. (See I p 2.) Ancient history.
 - 1. Historical dictionaries: dates.
- f Antiquities: archæology. (See I t 7.)
 - 1. Prehistoric; fossil man; antiquity of man; the stone age; lake dwellings. Atlantis. (See I m.)
 - 2. Chaldea, Babylonia, Assyria, Nineveh.
 - 3. Hindustan, Afghanistan, etc.
 - 4. Egypt and Abyssinia. The Pyramids. Hieroglyphics. Mythology. (See U x 4.)
 - 5. Etruria.
 - 6. Greece and Rome: Asia Minor, Ephesus, Palmyra, Baalbec. (See U m, and U u 2.)
 - + . Herculaneum and Pompeii.
 - △. The catacombs.
 - . The city of Rome; its antiquities and topography.
 - 7. Northern Europe. Druidical remains. British barrows.
 - 8. America. (See U y 1.)
 - 9. Customs and costumes, dress, fashions, popular antiquities, ceremonies, pageants, processions, funeral rites, sepulchres.
- g Numismatics; medals; ancient coins.
- h Chivalry, heraldry, peerage, genealogy, flags, etc. (See I g 3, and U o 1.)
 - 1. Heraldry and heraldic mottoes.
 - + . Continental Europe.
 - 2. Royal and noble Houses, Clans, Peerages, Family histories, arranged alphabetically, and followed by works on Names of persons and places.
 - + . American.
 - 3. Orders of Knighthood.
 - + . St. John and History of Malta.
 - △. Cincinnati.
 - 4. Duelling.
- i Secret Societies, Masonry, Antimasonry, the Rosicrucians, etc. (See A q 1, I e.)
- k Gipsies.
- l History of Greece.
 - 1. Modern Greece.
- m History of Rome.
 - 1. Julius Cæsar, the Emperors and Empresses. (See U s 2.)
 - 2. Byzantine empire. (See U x 1.)
- n Historical Extracts and Miscellanies, etc.
- o History of Europe. Modern history.
 - 1. Middle ages and Renaissance; Feudalism. (See U h.)
 - 2. Crusades.
 - 3. European Colonies. (See U p 10.)
 - 4. The Celts. (See I m 2.)

p British history.

1. England.
 - +. Anglo-Saxons.
 - △. The Rebellions of 1715 and 1745. The Pretenders and Non-jurors.
2. Scotland.
 - +. Antiquities.
 - △. Mary Queen of Scots.
3. Wales.
 - +. Welsh Bards.
4. Ireland.
 - +. Irish Bards.
5. Government publications; State papers; Parliamentary Blue Books and debates.
 - +. The Exchequer, National Debt, Customs.
 - △. Publications of the Record Comⁿ and of the Master of the Rolls.
6. British politics, arranged chronologically.
 - +. Junius.
7. Particular reigns; Wives of British sovereigns; Cromwell. (See U z *note*.)
8. Naval and military history of Great Britain. Particular Regiments. Lives of Admirals. Army and navy lists. United Service Journals, etc. (See I v 1, I w 1.)
9. Collected lives of British statesmen, regicides, etc.
10. British Colonies and Empire. (See U o 3.)

q History of Russia and Poland. (See U r 2.)

1. Crimean and other wars with Turkey. (See U x 1.)
2. Russia in Asia. (See U d 11 +.)
3. Particular reigns.
4. Poland.

r History of Denmark, Sweden and Norway; Scandinavia; the Northmen and the Normans. Sagas. (See U d 7, U f 7.)

1. Iceland.
2. Lapland and Finland. (See U q.)

s History of Germany.

1. Austria, Hungary, Transylvania, Servia, etc. (See U x 1.)
2. Holy Roman Empire, Charlemagne, Charles V., etc.
3. Prussia and the New German Empire.

t History of Holland and Belgium.

u History of Italy and Switzerland.

1. Switzerland and the Tyrol. (See U d 8.)
2. Papal and modern Rome and the States of the Church. (See A o 2, A o 13, U f 6 □.)
3. Venice.
4. Naples: the Two Sicilies.
5. Italian Republics: Monaco.

- v History of France. (See A o 2 △.)
1. Particular reigns, arranged chronologically, including *Mémoires pour servir*.
 - + . Joan of Arc.
 2. Revolution of 1789.
 - + . The Dauphin.
 3. Consulate and Empire. All lives, etc., of Napoleon I.: also his works.
 4. Restoration, Revolution of 1830, Louis Phillippe.
 5. Revolution of 1848.
 6. Second Empire. Lives and works of Napoleon III.
 7. Franco-German war.
 8. Republic. The Communists.
 - 9.
 10. Corsica.
- w History of Spain and Portugal. (See U x 6 +.)
- x Asiatic and African history. The Mongols. Asiatic Societies, etc.
1. History of the Ottoman Empire and its possessions. The Eastern question. (See U q 1, U s 1.)
 2. China and Japan: Coolies. Chinese Emigration. (See A q 6.)
 3. Hindustan and the East Indies; Siam, Nepaul, Afghanistan, etc.
 - + . The Hon. E. India Co. and the British rule in India.
 - △. Dutch East Indies. Borneo. Java.
 - . Mauritius and Madagascar.
 - IV. The Sepoy war.
 4. Egypt and Abyssinia. (See U d 12 +, and U f 4.)
 - + . Suez Canal.
 5. Australasia, Melanésie, Oceanica, Polynesia, Australia, New Zealand.
 6. Arabia, the Saracens and the Moors. (See U x 9.)
 - + . Arabs in Spain and their antiquities. (See U w.)
 7. Phenecia. (See U x 12.)
 8. Persia.
 9. Algiers and Algérie. Tunis, Tripoli, the Barbary States, Morocco, etc. (See U x 6.)
 10. West coast of Africa: Dahomey. (See I i 4 +, U d 12 vi.)
 11. South Africa. The Cape. (See U d 12 △.)
 12. Carthage. (See U x 7.)
 13. Tartary.
- y History of America.
1. The Aborigines. U. S. Reports on Indian Affairs, etc. (See U f 8.)
 2. History of the U. States. Colonial history.
 - + . Mississippi Valley and the Far West.
 - △. Pacific Slope.
 3. Revolution.
 - + . American Loyalists.

4. Second war with Great Britain.
5. Secession and the civil war: the Sanitary Commission: U. S. and State Adj.-General's Reports (1861 to 1868): Particular regiments: Rolls of Honor: the Freedmen: Reconstruction: the Alabama question: etc. (See U b 6 +.)
 - + . Confederate States of America.
6. Local and occasional politics, etc., of the U. S., arranged chronologically. Pamphlets relating to American affairs.
 - + . The Federalist.
7. U. S. Government. State Papers, Public Documents, Congressional Debates and Directories, etc.
 - + . Blue Books, Registers of U. S. officers, Army and Navy lists, West Point Registers, etc.
 - △. The Treasury and the Tariff.
 - . War Department. (See U b 6 +.)
- IV. State “
- V. Navy “ Navy regulations.
- VI. Interior “
- VII. P. Office Department. (See I i 3 +.)
- VIII. District of Columbia: Washington City.
8. Particular States and Territories (Except Utah, A o 9), arranged alphabetically. (See U b *note*.)

Note: Under the history of each State are included, as a rule, its public documents: (See Ef2, Ih2, Il3, Uy5); also local histories, gazetteers, etc. (See U b 8, U c 7.)
9. British America and the W. Indies.
 - + . Nouvelle France: Canada.
 - △. Acadie: Nova Scotia, Newfoundland, New Brunswick, etc.
 - . Jamaica.
- IV. St. Domingo: Hayti.
- V. Barbadoes.
- VI. Cuba, Porto Rico, etc.
- VII. Bahamas and Bermudas.
- VIII. Hudson's Bay Territory, Manitoba, Victoria, etc.
- IX. Danish West Indies.
10. Spanish America, Mexico, and Central America.
 - + . The war between the U. S. and Mexico.
11. South America.
 - + . Peru.
 - △. Brazil, La Plata, Paraguay, etc.
 - . Demarara and Guiana.
 - IV. Chili and Patagonia.
12. Greenland and Labrador.
13. Buccaneers.
14. Naval and military history of U. S., including periodicals.

- z Biography, personal narratives, diaries, wills, eulogiums, arranged alphabetically by subjects.

Note: Lives of reigning Sovereigns are classed U p, U q, U r, etc.

1. Biographical dictionaries and collections. (See A o 13, 14.) Next of kin.
Collected wills.

+ . American.

△ . Artists ; painters, engravers, musicians, architects, players.

□ . Judges, chancellors, lawyers.

2. Biography in the French language. (See U v 1.)

3. Portraits and treatises thereon, etc. (See I d and U g.)

4. Epitaphs.

5. Autographs.

+ . American.

Note: Books, letters, etc., relegated to the Department of Manuscripts, will have a distinguishing mark (MS.) in the card catalogue, but will be classified precisely as if they were in print; autographs which have a value chiefly as illustrating the writer's life and character being marked U z 5, or U z 5 +. The cards used for the Department of Manuscripts should be of a different color from the rest.

CLASS Y. BIBLIOGRAPHY.

- a General and miscellaneous catalogues and treatises. Periodicals. Best reading.
- b Special catalogues and treatises.
 - 1. Americana.
 - 2. Pseudonyms and autonyms.
- c Sale catalogues, Publishers' Circulars and Trade Lists.
- d Catalogues and descriptions of private libraries.
- e Catalogues of public libraries.
- f Art of cataloguing, classification of knowledge: Library economy, histories, associations, periodicals, etc.
- g Arts of writing, illuminating, printing, and book binding. Manufacture of paper and ink.
 - 1. Playing cards and block books, with fac-similes thereof.
 - 2. Exemplaria Typographica: Aldus, Baskerville, Strawberry Hill, Saur, Jansen, Ephrata, etc. Printing for the blind.
 - 3. Curious bindings.
 - 4. Penmanship.
 - 5. Philately. Catalogues of postage and excise stamps.
- h Stenography, Phonetic writing and printing, Steganography, etc.
- i Book rarities, incunabula, book plates and treatises thereon.
 - 1. Rarissima necnon pretiosa.
 - 2. Palæographia: Illuminated MSS. and Fac-similes. Diplomatics.
 - 3. Incunabula, and curious books of the 16th century.
 - 4. Ex-libris and treatises on book plates.
- k History and philosophy of literature.
 - 1. Greek and Latin.
 - 2. English.
 - + American. (See Y b 1.)
 - 3. French.
 - 4. German, Dutch, and Scandinavian.
 - 5. Italian.
 - 6. Other. (See A n.)

INDEX.

NOTE.

For the convenience of Librarians who use Mr. Dui's system of classification, his numbers are appended in the OUTER COLUMN of this Index.

The letter S means *see the subject*.

When a reference is made to two or more subdivisions, they should all be referred to before deciding under which head to classify a particular book.

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"A place for everything, and everything in its place."

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useful arts	I u	603	“ biography	U z 1 △	927
Didactic theology	A l	241	“ music	I s 7, O e 7	782
Die-making	I u 4	736	Draughts	I x 2	795
Diet	I n 7	613	Drawing	I s 1	740
Differential calculus	I o 1	517	Drawing-books	I s 1	741
Digestion	I n 1	612	Dreams	I e 4	135
Digests	E f	343	Dress	U f 9	646
Dining	I u 15	643	“ making	I u 17	646
Diphtheria	I n 5	616	Drives	I u 12	713
Diplomacy	E b	327, 341	Driving	I x 1	798
Diplomatics	Y i 2	10, 21	Drugs	I n 2	615
Directories	U c 7	910	Druids	A q 3, U f 7,	
Disasters at Sea	U d 5	656		U o 4	299
Discipline, education	I h	371	Duelling	U h 4	177, 395,
Discourses	A m, O o	252-9			392
Diseases	I n 3, I n 5	616	Dutch East Indies	U x 3 △	915, 959
Disinfection	I n 7	614	“ language	O a 2	439
Dispensaries	I i 7	615	“ painting	I s 10	753
Dispensatories	I n 2	615	“ poetry	O d 4	831
Dissection	I n 1	611	“ Reformed Church	A o 11 △	289
Dissenters	A o 5, 6, 7, etc.		“ Republic	U t	949
		289, 283	Duties	I g	170
Distillation	I u 10 +	663	“ and customs	I i 1, I i 3	337
District of Columbia	U y 7 viii	976	Dwarfs	I m	130
Divination	I e	133	Dyeing	I u 5	667
Diving and diving bells	I v 2	627	Dynamical electricity	I k 2	537
Divorce	E l, I g 2	343, 173	“ geology	I l 2	553

Dynamics	I k	531	Elective franchise	I i r, U y 6	324
Dysentery	I n 5	616	Electricity	I k 1	537
Dyspepsia	I n 5	616	“ applied	I k 2	537
Ear diseases	I n 5	616	Electro-magnetism	I k 1, 2	538
“ functions	I r	612	Eleemosynary institutions	A o 15, I i 7	361
Early English Text Society	O m 2 +	820	Elementary education	I h 1	372
Early Greek philosophy	I a 1	182	Eleusinian mysteries	A q 2 +	391, 292
Earth	I l 2, U b	551	Elgin marbles	I y 2	733
“ figure of	I p	526	Elocution	O b	815
Earthquakes	I l 2	553	Eloquence	O b	815
Easter	A g	244	Emancipation	I i 4, U y 5	326
Eastern Churches	A o 1	281	Embalming	I u 17, U f 4	390
“ empire	U m 2	949	Embargo	E b, U y 4	346, 341
“ question	U x 1	949	Emblems	O g	219
“ States	U y 8	974	Embryology	I n 1, I n 4	576
East India Company	U x 3 +	382	Emigration	I i 3, U p 10	325
East Indies	U d 11, U x 3	954	Emperors, Roman	U m 1	923, 937
“ Dutch	U x 3 △	915, 959	Empirical psychology	I a 1, I c	144
Eccentrics, lives of	U z 1	920	Empresses, Roman	U m 1	923, 937
Ecclesiastical art	I s 8		Enamel painting	I s 2	751
“ history	A o	270	Encaustic “	I t 6	751
“ law	E d	348	Encyclopædias, general	I b	30
“ polity	A l	262	Engineering	I i 5	620
“ trials	E k	348, 270	“ instruments	I o 3, I p	629
Echinoderms	I l 6	593	“ military	I w	623
Eclectic medicine	I n 3 □	616	“ mining	I l 4	628
“ philosophy	I a, I a 1	199	“ railroad	I i 6	625
“ psychology	I a, I c	148	“ steam	I q	621
Eclipses	I p	523	“ topographical	I i 5	622
Economy, domestic	I u 17	640	England, geography	U c 2	914
“ political	I i 1	330	“ history	U p 1	942
Ecuador	U d 13 +, U y 11	989	“ travels	U d 9	914
Education	I h	370	English army	I w 1, U p 8	355, 942
“ element'y works	I h 1	372	“ Church	A o 3	283
“ fine arts	I s	707	“ dialects	O a 2	427
“ history	I h 2	907	“ dictionaries	O a 2	423
“ medical	I n 9	610	“ drama	O e 2	822
“ military	I h 2, I w	355	“ etymology	O a 2	422
“ natural sciences	I k	507	“ government	E f 3 +, U p 5	323
“ philology	O a	407	“ grammar	O a 2	425
“ philosophy	I a 1	107	“ language	O a 2	420
“ science	I h	507	“ literature	Y k 2	820
“ self	I h 4	374	“ navy	I v 1, U p 8	359, 942
“ useful arts	I u	607	“ orthography	O a 2	421
Educational institutions	I h 2	378	“ painting	I s 2	756
“ reports	I h 2	379	“ philology	O a 2	420
Egypt, ancient	U f 4	932	“ philosophy	I a 1	192
“ modern	U d 12 +, U x 4	962	“ poetry	O d 2	
Egyptian language	U f 4	492	“ prosody	O a 2, O d 2	426
“ literature	U f 4, Y k 6	892	“ sculpture	I s 4	735
Election sermons	A m	256	“ synonyms	O a 2	424
Elections	U y 6	324	“ texts	O m 2 +	428

Engravers' lives	U z 1 Δ	927	Essays, theology	A l	204
Engraving	I s 3	760	“ useful arts	I u	604
Enigmas	I x 2, O m	819, 829, 839, etc.	Etching	I s 3	767
Entertaining collections	O f 2 +, O g	310, 829, 839, etc.	Eternal punishment	A l, l e	237
Entertainments	I u 15, I x 2	791	Etherization	I n 3	617
Enthusiasm	A o 7, l c	137	Ethics	I g	170
Entomology	I l 6	595	“ legal	E a	170, 340
Entozoa	I l 6	595	“ medical	I n 3 +	170, 610
Ephemerides	I p 1	528, 525	Ethiopia	U d 12 +	966
Ephesians	A c 5	956, 938	Ethnography	U f 9	390
Ephesus	U f 6	956, 938	Ethnology	I m 2	572
Epics	O d	811, 821, 831, etc.	Etiquette	I g 3	177
“ Greek	O d 1	883	Etruria	U f 5	937
“ Latin	O d 1	873	Etymologies, comparative	O a	412
Epicurean philosophy	I a 1	187	“ English	O a 2	422
Epidemics	I n 5	614	“ French	O a 2	442
Epigrams	O d, O d 1, O d 2, 819, 829, 939, etc.		“ German	O a 2	432
Episcopal Church	A o 3	283	“ Greek	O a 1	482
Epistles, Bible	A c 5	227	“ Italian	O a 2	452
Epistolary writers	O h	928	“ Latin	O a 1	472
Epistolography	O h 1	816, 826, etc.	“ Spanish	O a 2	462
Epitaphs	U z 4	929	Eucharist	A g, A l 1	265
Equador	U d 13 +, U y 11	989	Eulogies	O c 1, U z	920, 259
Equestrian exercise	I x 1	798	Europe—botany	I l 1, I l 5	584
Equipments of armies	I w	355	customs and costumes	U f 9	394
“ of navies	I v	359	ecclesiastical history	A o	274
Equity	E e	344	geography	U b, U b 2	914
Erse language	O a 2, U p 2 +	496	geology	I l 3	554
“ poetry	O d 2 Δ , O d 6	896	history	U o	940
Eschatology	A l	236	statistics	U c	314
Esquimaux	I m 2, U d 3 +	979, 998	travels	U d 6	914
Essays, English literature	O m 2	824	Evidence (law)	E a	349
“ fine arts	I s	704	Evidences of Christianity	A f	239
“ French	O m 3	844	Evil	A l, I a, l e 3	216
“ German	O m 4	834	Evolution	I l 7	575
“ history	O n	904	Exchange	I i 2	332
“ Italian	O m 5	854	Exchequer	U p 5 +	352
“ literature	O m, Y k	804	Excise	I i 2	336
“ miscellaneous	O k, O m	804, 814, 824, etc.	Excise laws	I g 5, I i 2	337
“ natural science	I k	504	Exegesis	A e	220
“ philology	O a	404	Exemplaria typographica	Y g 2	020
“ philosophy	I a	104	Exhibitions, art	I s 6, I u 16	708
“ political	U p 6, U y 6	329	“ industrial	I u 16	606
“ science	I y, I z	504	Ex libris	Y i 4	027
“ sociology	A m 3	304	Exodus	A e, U f 4	222
“ Spanish	O m	864	Experimental Chemistry	I k 4	542
			Explorations	U d	910
			Explosives	I u 10, I w	662
			Expository sermons	A m	258
			Express companies	I i 6	385
			Exstatis	I e 3	135
			Extracts	O m, O p 2, U n	829

Extracts, historical	U n	904	Field books, engineering	I i 5	629
Eye, diseases	I n 5	616	Field sports	I x 1	796-799
“ functions	I r	612	Figure of the earth	I h	526
Fables	O f	819, 829, 839, etc.	Fiji	U d 3, U x 5	919
Facetiæ	O f	819, 829, 839, etc.	Filibusters	U y 13	363, 345, 978
Fairs, agricultural	I u 11 Δ	630, 606	Final causes	I a	113
“ commercial	I i 3 Δ		Finances	I i 2, U p 5 +, U y 7 Δ	330
“ industrial	I u 16	606	Fine arts	I s	700
Fairy tales	O f 7	813, 823, 833, etc.	biography of	U z 1 Δ	927
Faith	A l	234, 163	Finger rings	I t 6 +	390
Faith and reason	A f 1	234	Finland	U r 2	947
Family	I g 2	173	Finno-Hungarian langu'ge	O a 2	499
“ histories	U h 2	929	Fire arms	I w	355, 683
“ histories, American	U h 2 +	929	“ departments	U y 8	369
“ medicine	I n 2	616	“ engines	I t 5	621
“ worship	A h	247	“ insurance	I o 4 +	368
Fanaticism	A l, A o	133	“ works	I x 1	662
Farces	O e 2	828, 838, etc., 791	“ worshippers	A q 5	295
Farming	I u 11	630	Fish culture	I u 11 □	639
Farriery	I u 13	682	Fisheries, sea	I v 3	639
Farther India	U d 11	915, 954	Fishes	I l 6	597
Far West	U y 2	917, 977	“ palæontology	I l 2	567
Fashion	U f 9	177	Fishing	I x 1	799
Fasti	U l, U m, etc.	8	Flagellants	A o 15 +	271
Fasts	A g	244	Flags	U f 9	929
Fatalism	I a	159	Flanders	U t	949
Fathers of the Church	A k	270	Flax	I n 5	633, 677
Fauna	I l 1	590	Flemish painting	I s 10, U z 1 Δ	753
Feasts	A g, I u 15	244	Flies	I l 6	595
Federalism	U y 6	324	Flora	I l 5	584-589
Federalist (the book)	U y 6 +	324	Florence	U u 5	945
Feet	I n 1, I u 8	611, 811, 389	Florida	U y 8	976
Female education	I h	376	Flower garden	I u 12	716, 583
“ employments	I g 2	376	Flowers	I l 5	580
“ seminaries	I h 2	378	Fluxions	I o 1	517
“ suffrage	I g 2	324	Folk-lore	O f 7	291-293
Fencing	I x 1	766	Food	I n 7, I u 15	643
Fermentation	I k 4, I u 10 +	663	Force	I k 1	111
Ferns	I l 5	582	Foreign missions	A o 15	267
Festivals, Church	A g	282, 283	“ relations	U y 7 iv	327
Fetichism	A q	299	“ trade	I i 3, U y 7 Δ	382
Feudal institutions	E d, U h	322	Forestry	I u 12	715
Feudal law	E d	322	Forgery	E h	345
Fevers	I n 5	616	Formation of character	I h 4	374
Fichte, philosophy of	I a 1	193	Form books	E a	349
Fiction	O f, O f 1, 2, 3, 4 813, 823, 833, 843, etc.		Formosa	U d 11	951
			Fortification	I w	623
			Fortune-telling	I e 2	133
			Fossil man	U f 2	571
			Fossils	I l 2	560
			Foundries	I u 3	671

Foundling hospitals	Ii 7	361	Gas-fitting	It 5	696
Fountains	Iu 12	714	“ lighting	It 5	665, 644
Fourierism	Ia, Ia 1	335	“ making	It 5	665
Fowling	Ix 1	799	Gastronomy	Iu 15	641
Fowls	Iu 13	636	Gauging	Iu 10 +	389
Fractures	In 4	617	Gazetteers	Ub	910
France	Ud 8, Uv	944	Gem engraving	Is 3, It 6	736
Franchise	Ii, Up 6, Uy 6	324	Gems	Il 4, It 6	549
Franciscans	Ao 15 +	271	Genealogy	Uh	929
Franconia	Us	943	Generation, Spontaneous	It 7	577
Franco-Prussian war	Uv 7	943, 944	Genesis	Ao 3, Af 1	222
Fraud	Uh	345	Genoa	Uc, Uu 5	945
Freedmen	Uy 5	326	Geodesy	Io 2	526
Free-hand drawing	Is 1	741	Geography	Ub	910
Freemasonry	Ui	366	“ Africa	Ub, Ub 4	916
Free trade	Ii 1	337	“ ancient	Ub, Ub 1 +	912
Freewill	Ic	159	“ Asia	Ub, Ub 3	915
French biography	Uz 2	920-3 S	“ biblical	Ad	220, 912
“ drama	Oe 3	842	“ Europe	Ub, Ub 2	914
“ fiction	Of 3	843	“ historical	Ua, Ub 1 +	911
“ language	Oa 2	440	“ modern	Ub	913
“ “ old	Oa 2, Od 3 +	449	“ N. America	Ub, Ub 5, 6,	
“ literature	Od 3, Oe 3, Oi 3	840	“ “	7, 8	917
“ painting	Is 2	754	“ physical	Ub 11	551
“ philosophy	Ia 1	194	“ S. America	Ub, Ub 5	918
“ poetry	Od 3	841	Geological reports	Il 3	554-9
“ Republic	Uv 8	944	Geology	Il 2	550
“ revolution	Uv 2	944	“ and religion	Af 1	215
“ sculpture	Is 4	735	“ dynamical	Il 2	553
Fresco painting	It 6	751	Geometry	Io 2	513
Friction	Iq	531	“ analytical	Io 2	516
Friendly societies	Ii 7	366	Georgia	Ud 11 □, Uy 8	
Friends, Society of	Ao 10	289			959, 976
Friendship	Ig 1	157	German drama	Oe 4	832
Fruit culture	Iu 11 +	634	“ empire, new	Us 3	914, 943
Fuel	Il 4 +, It 5	644	“ fiction	Of 4	833
Funds and funding	Ii 2	336	“ language	Oa 2	430
Funeral rites	Uf 9	390	“ “ low	Oa 2	439
Funeral sermons	Oci, Uz	259	“ literature	Oi 4, Yk 4	830
Funerals	Uf 9	390	“ painting	Is 2	753
Furniture	It 6	645	“ philosophy	Ia 1	193
Future life	Al, Ie	218	“ poetry	Od 4	831
Gaelic language	Oa 2	496	“ reformation	Ao 11 +	274, 943
Galleries of art	Is 6	708	“ Reformed Church	Ao 11 +	289
Galvanism	Ik 1	537	Germany	Ud 7, Us	943
Gambling	Io 6, Ix 2	175	Ghosts	Ie 3	133
Game laws	Eh	345	Giants	Im	573
Games	Ix, Ix 1	793-7	Gipsies	Uk	949
“ table and parlor	Ix 2	793	Girondists	Uv 2	363, 944
Gardening	Iu 11	635	Glaciers	Il 2	553
“ Landscape	Iu 12	710	Glass	Iu 9	666
Gases	Ik 4	546, 665	“ painting	Is 2	751

Glazing	I u 10	698	Greek, modern	O a 1, U l 1	489
Glees	Od 2 +	784	“ mythology	A q 2	292
Globes, use of	I p	522	“ philosophy	I a, I a 1	180, 888
Glossaries	O a 2	413, 423, 433, etc.	Greenhouses	I u 12	583, 635
Gloves	U f 9	646, 675, 677	Greenland	U y 12	998
Gnostics	A o 16	281	Grounds, private	I u 12	712
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Gold	I i 2	549, 671	Guatemala	U y 10, U d 13 △	979
Goniometry	I o 2	514	Guiana	U y 11 □	988
Good-Friday	A g	244	Guide books	U c 1	910
Gospels	A c 5	226	Guilds	I i 3 △	367
“ harmony of	A d	226	Guillotine	U u 2	345
Gothic architecture	I t 1	723	Guinea	U d 12 vi, U x 10	967
Goths	U o 1	943	Gun cotton	I u 10	355, 662
Gout	I n 5	616	Gunnery	I w	355
Government	I i	320	Gunpowder	I u 10, I w	355, 662
Grace	A l	234	Gunsmithery	I u 3	683
Grafting	I u 11 +	634	Gutta serena	I u 8	679
Grains	I u 11	633	Gymnastics	I x 1	613
Grammars, comparative	O a	415	Gypsies	U k	949
“ English	O a 2	425	Gynæcology	I n 4	618
“ French	O a 2	445	Habeas corpus	E f	343
“ German	O a 2	435	Hades	A l, A o 8	292
“ Greek	O a 1	485	Hair	I n 1, I u 17	611, 390
“ Italian	O a 2	455	Hakluyt society	U d 1	910
“ Latin	O a 1	475	Hallucinations	I e 3	133
“ Spanish	O a 2	465	Hamiltonian philosophy	I a 1	192
Granada	U x 6 +, U w	946	Hand	I n 1	611
Grangers	U y 6	363	Handbooks of travel	U c 1	S, 910
Grape culture	I u 11 +	634	Happiness	I g 1	171
Grasses	I l 5	633	Harbors	U b 10	627
“ ornamental	I u 11	716, 583	Harmony, music	I s 7	781
Gravel (disease)	I n 5	616	“ of colors	I s 2	752, 535
Grave-stones	U z 4	718	“ of gospels	A d	226
“ yards	I u 12, U y 9	719	Harness-making	I u 8	685
Gravitation	I k 1	531	Harpsichord	I s 7 vi	787
Great Britain	U c 2, 3, 4, U d 9, U p 6	941-2	Hasheesh	I n 2 +	615
Greece, ancient	U f 6, U l	938	Hats	I u 10	646
“ modern	U d 10, U l 1	949	Hayti	U y 9 iv	917, 979
“ poetry	Od 1	881	Health	I n 7	613
“ sculpture	I s 4	733	“ public	I n 7	614
“ translations	Od 1, O e 1, etc.	880	“ resorts	I l 2 + I n 3 △, U c 1	613, 910
“ travels	U d 10	914	Heart diseases	I n 5	616
Greek antiquities	U f 6	938	Heat	I k 1	536
“ architecture	I t, U f 6	722	Heathen religions	A q	290
“ Church	A o 1	281	Heating	I t 5	697
“ commentaries	A e, O i 1	488	Heaven	A l	237
“ drama	O e 1	882	Hebrew history	A n	933
“ language	O a 1	480	“ language	O a 2	493
“ literature	O i 1, Y k 1	880	“ literature	A n	893

Hebrew poetry	A n	893	History—		
Hebrides	U c 2 Δ , U p 2	941	philology	O a	409
Hedges	I u 11, 12	715	philosophy	I a 1	109
Hegelian philosophy	I a 1	193	philosophy of	U a	901
Heliotypes	I s 5	774	science	I k	509
Hell	A l, A o 8	237	sociology	I m 3	309
Heracletic philosophy	I a 1	182	theology	A o 16	209
Heraldry	U h 1	929	universal	U e	909
Herbariums	I l 5	582	useful arts	I u	609
Herculaneum	U f 6 +	646	Histrionics	A e	792
Heresies	A o 16	273	Holland	U d 7, U t	914, 949
Hermaphrodites	I n 1	590, 612	Holland : geography	U b	914
Hermeneutics	A e	220	history	U t	949
Hermetics	I e	133	travels	U d 7	914
Herpetology	I i 6	598	Holy Ghost	A l	878
Herzegovina	U d 10, U x 1 +	914, 943	Holy Land	U d 10 +	933, 956
Hieroglyphics	U f 4	419	geography	U d 10 +	588
Higher education	I h	373	history	U d 10 +	959
Highlands, Scottish	I s 6 $\square$, O d 2 Δ , U c 2 Δ , U h 2	914	travels	U d 10 +	915
Highwaymen	U z 1	345	Holy Roman Empire	U s 2	927
Himalayas	U d 11	915	Home education	I h 4	371, 374
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“ literature	A q 4, Y k 6	894	Homer	O d 1	883
Hindustan	U x 3	915, 954	Homicide	E h	345
Hinduism	A q 4	294	Homiletics	A e	251
Hindustan	U d 11, U x 3, U f 3	915, 954	Homœopathy	I n 3 $\square$	615
Histology	I n 1	611	Homologies	I n 1, I o 2	574
Historical books of Bible	A c	222	Honey	I u 14,	638
“ charts & tables	U a	908	Horned cattle	I u 13	636
“ collaterals	U n	S, 310	Horology	I u 6	681
“ dictionaries	U e 1	903	Horse	I u 13, I x 1	636, 599, 337, 619
“ extracts	U n	S	Horse-racing	I x 1	798
“ geography	U b	911	“ shoeing	I u 13	682
“ magazines	O o	905	Horsemanship	I x 1	798
“ registers	O o	902	Hortatory theology	A m	243
“ societies	U y 8	906	Horticultural societies	I u 11 Δ	635, 716
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HISTORY	U	900	Hospitals	I i 7, I n 8	361
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Continental	U o	940	Housekeeping	I u 17	640
ecclesiastical	A o	270	House of Correction	E h	364
fine arts	I s 10	709	House of Refuge	E h	364
geography	U b	910	House painting	I t 6	698
Greek	U l	889	Houses, royal and noble	U h 2	323, 322
Latin	U m	879	Housewifery	I u 17	640
literature	Y k	809	Hudson's Bay territory	U y 7 viii	919, 995
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			Human anatomy	I n 1	611
			Human body	I n 1	611

Human body and mind	In 8	130	Independents	A o 5	289 or 285
mind	I c	150	Indexes	Om 6	17
physiology	In 1	612	India, ancient history	U x 3	934
Humane societies	I i 7	361	" modern "	U x 3 +	954
Humor	O f	818	India, British	U x 3 +	915, 654
English	O f 2	828	Indian languages	O a 2	494
French	O f 3	848	" literature	Y k 6	894
German	O f 4	838	Indiana	U y 8	977
Greek	O f 1	887	Indian Bureau	U y 1	353
Italian	O f 5	858	Indians, American	Im 2, U f 8,	
Spanish	O f 6	868	" " language	U y 1	970
Hungary	U d 7, U s 1	914, 943	" ethnology	O a 2	499
Hunting	I x 1	799	India-rubber	Im 2, U y 1	572
Hurricanes	I k 3	533	Indigestion	I u 8	675
Husbandry	I u 13	630	Indoor amusements	In 5	616
Hybridism	I l 7	590	Induction	I x 2	793
Hydraulic engineering	I i 5	628	Inductive logic	I a	161
Hydraulics	I q	532	Industrial drawing	I f	161
Hydrodynamics	I q	532	" schools	Is 1	744
Hydrography	O b 10	551, 627, 527	Industrial exhibitions	I h 2	607
Hydromechanics	I q	532	history	I u 16	606
Hydropathy	In 3 □	615	Inebriate institutions	I u	609
Hydrophobia	In 5	614, 616	Infallibility	I i 7	364
Hydrostatics	I q	532	Infanticide	Al 1 +	238, 282
Hygiene	In 7	613	Infantry	E i	173, 345
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Hymnology	A i	245	Infidelity	A f	211
Hypochondria	In 5, In 8	132, 616	Ink	Y g	661
Icebergs	U d 3 +	553	Inoculation	In 5	614, 615
Iceland	U r 1	948	Inorganic chemistry	I k 4	546
Icelandic language	O a 2	498	Inquisition	A o 12	272
Icelandic literature	Y k 4	898	Insane Hospitals	In 8	361
" poetry	O d 6	898	Insanity	In 8	132
Ichthyology	I l 7	597	Inscriptions	U f	417
Iconography	Is 4	732	Insects	I l 6	595
" Christian	Is 8	730	" injurious	I u 11 iv	632
Idealistic psychology	I c	141	Inspiration	Al 3	238
Idiocy	In 8	132	Instinct	I l 6	158
Idiot schools	In 8	361	Institute of France	I y 3	64
Idolatry	A q	290	Institutions	I i	360
Illinois	U y 8	977	" educational	I h 2	378
Illuminated manuscripts	Y i 1	21	" Feudal	Ed, U o 1	322
Illumination (lighting)	It 5	644	" Monarchic	I i	323
Illustrated journals	Is 6 +	705	" Musical	Is 7	789
Imagination	I c	156	" of religion	A	260
Immersion	A o 6	264, 286	" Patriarchal	A n	321
Immigration	I i 3	325	" Republican	I i	324
Immortality	Al, I e	218, 237	Instruction	I h	371
Imprisonment for debt	E h	345	Instrumental music	Is 7	785
Incarnation	Al	232	Instruments, engineering	Io 3	629
Income	I i 2	333	" making	Io 6, I u 3	681
Incunabula	Y i 3	23			

Insurance	I o 4 +	368	Italian drama	O e 5	852
Insurance companies	I o 4 +	368	“ fiction	O f 5	853
Integral calculus	I o 1	517	“ language	O a 2	450
Intellect	I c	151	“ literature	O i 5, Y k 5	850
Intellectual philosophy	I c	140-150	“ music	I s 7 △	780
Intemperance	I g 5, I n 2 +	178	“ painting	I s 10	755
Intercommunication	I i 5	380, 650	“ philosophy	I a 1	195
Interest	I i 2	334	“ poetry	O d 5	851
“ tables	I i 2	658	“ renaissance	U o 1, U u	945
Interior Department	U y 7 vi	353	“ republics	U u 5	945
Intermarriage	I g 2	136, 618	“ sculpture	I s 4	734, 735
Intermediate state	A 1	237	Italy	U b	S
Interment	U f 9	614, 390	history	U u	945
Internal improvements	I i 5	620	travels	U d 8	914
International copyright	E m	343	Jacobins	U v 2	363, 944
International exhibitions	I u 16	600	Jainism	A q 4	294
“ law	E b	341	Jamaica	U y 9 □	979
Intolerance	A a	272	Jansenism	A o 2 +	282
Intuitive psychology	I c	143	Japan	U x 2	952
Inventions	I u	608	Japanese art	I s	S
Inventors, lives of	I u, U z	926	language	O a 2	499
Invertebrates	I 16	592	literature	O a 2, Y k 6	899
“ palæontology	I 12	562	Japanning	I u 9	698
Investments	I i 2	333	Java	U x 3 △	992
Ionian Islands	U 11	949	Jerusalem	U d 10 △	915, 956, 933
Ionic philosophy	I a 1	182	Jests	O f	819, 829, 839, etc.
Iowa	U y 8	977	Jesuit missions	A o 15 △, U y 9 +	266, 282
Iranian languages	O a	495	Jesuits	A o 15 △	271, 282
“ literature	Y k 6	895	Jesus	A d, A 1	232
Ireland	U c 2 +, U d 9, U p 4	941	Jewelry	I t 6, I u 10, U f 9	646, 671
Ireland, geography	U b, U c 2 +	914	Jewish antiquities	A n	933
history	U p 4	941	literature	A n	803
travels	U d 9	914	philosophy	A n	180, 181
Irish bards	U p 4 +	928, 821	religion	A c 3, A n	281
“ church	A o 2, 3	283	Jews, ancient	A d	933
“ language	O a 2	496	history	A n	933
“ literature	Y k 6	896, 820	medieval	A n, U o 1	956
“ music	I s 7	780	modern	A n	956
“ poetry	O d, U p 4 +	896	Joinery	I t 4	694
Iron	I 14 +	672	Journalism	O p 1	50
“ architecture	I t, I u 3	691	Judaism	A n	296
“ bridges	I i 5, I u 3	624	Judgment and future state	A 1	237
“ manufacture	I u 3	672	Junius letters	U p 6 +	329
“ metallurgy	I u 3	672	JURISPRUDENCE	E	340
“ mineral	I 14 +	549, 669	Jury trial	E e	342
“ ships	I v	699	Justification	A 1	234
Iron-clad ships	I v	359, 699	Joan of Arc	U v 1 +	944
Irrigation	I u 11	631	John, epistles of	A c 5, A e	227
Islam	A p	297			
Isle of Man	U c 3	914, 942			
Israelites	A n	933			

John, gospel of	A c 5, A e	226	Latin, medieval	O a 1	479
“ revelation of	A c 5, A e	228	“ poets	O d 1	871
Journeys round the world	U d 3	910	Laundry	I u 17	648
Judges, lives of	U z 1 □	923	Law	E	340
Jugglery	I x 2	133	ancient	E d	340
Jurisprudence, medical	E i	343	canon	E d	348
Juvenile books	O f 2	S	civil	E d	348
criminals	E h 345, 364, 296,		commercial	E e 2	343
	391, 893		common	E e	343
Kabbala	A n	705	constitutional	E f	342
Kafirs	U d 12 △, U x 11	968	criminal	E h 2	345
Kaleidoscope	I r 1	536	dictionaries	E a 1	340
Kamschatka	U d 11 +,		English	E f 3	340
	U q 2 915, 959		French	E f 4	340
Kansas	U y 8	977	history of	E a	340
Kant's philosophy	I a 193, 142		maritime	E b	346
Keltic, ancient history	U o 4	936	mercantile	E e 2	343
“ language	O a 2	496	military	E n	347
“ literature	Y k 6	896	of nations	E b	341
Kentucky	U y 8	976	of real property	E e 1	343
Kindergarten	I h	372	of U. S.	E f 1	340
Kinematics	I q	531	Roman	E d	348
Knighthood	U h 3	322	Lawns	I u 12	712
Kings	U z 5 note	923	Lawyers' lives	U z, U z 1 □	923
Kitchen economy	I u 15	640	Lazarettos	I i 7	361
gardening	I u 11	635	Lead	I u 4	549, 671
middens	U f 1	322	metallurgy of	I u 4	669, 671
Knighthood	U k 3		mining	I l 4	628
Koran	A p 2	297	Leather	I n 8	675
Labor	I i 1	331	Lectures	O c, etc.	815, 825, 835, etc.
Labor questions	I i 1	331	Legends	O f	291-293
Laboring classes	I i 1	331	Legerdemain	I x 2	133
Labrador	U y 12	972	Legislation	E f	343, 328
Lace-making	U y 5	677	Legislative annals	U y 7, etc.	328
Laconics	O m		Legitimacy	E e 3	343
Lake dwellings	U f 1	571	Lent	A g	244
“ surveys	U b 10	622, 656	Lepidoptera	I l 6	595
Lakes, artificial	I u 12	714	Letter writing	O h 1	816
Lamaism	A q 7	294	Lettering, ornamental	Y g 4	145
Land surveying	I o 2	622	Letters	O h	816
Landlord and tenant	E e 1	333	alphabetical	O a 411, 421, etc.	
Landscape gardening	I u 12	710	(correspondence)	O h	816
“ painting	I s 2	758	Levant	U d 10	956, 962
“ photographs	I s 5	778	Levelling	I i 5	622
Language, universal	O a	408	Leviticus	A c 3	222
Lapland	U r 2	947, 948	Lexicography	O a	403, 413
Late war (1812)	U y 4	973	Lexicons	O a 1, 2	413, 423, 433, etc.
Latin Church	A o 2	282	Libel	E e	345
“ classics	O i 1 +	870	Liberia	I i 4 +	916, 969
“ language	O a 1	470	Liberty	I i	324
“ literary history	Y k 1	470			
“ literature	O d 1, O i 1, etc.	870			

Liberty of press	E e	324	Logic	I f	160
Libraries	Y, d, e, f	19	Lollards	A o 15 +	289
" sales of	Y c	17, 18, 19	London	U c 3 +	914, 942
Library catalogues	Y d, e	17, 18	Longevity	I n 7	312
" economy	Y f	19	Lord's day	A n 1	263
" history and reports	Y f	19	" Prayer	A h	217
Librettos, opera	O e 7	782	" Supper	A g	265
Lichens	I l 5	582	Lorraine	U s, U v	943, 944
Life	I l 7	570	Lotteries	I g 6	175
" boats	U d 5	699	Louis Philippe	U v 4	923
" future	A l, I e	218, 237	Louisiana	U y 8	976
" insurance	I o 4 +	368	Low countries	U t	949
" (physiologically)	I l 7	570	" Dutch	O a 2	439
Light	I r	535	Loyalists	U y 3 +	973
Lighthouses and ships	U b 10	656, 627	Luke	A c 5	226
Lightning and light'g-rods	I k 3, I t 5	537	Lunacy	I n 8	132
Lights and fuel	I t 5	644	Lunatic asylums	I n 8	361
Line engraving	I s 3	765	Lung diseases	I n 5	616
Linen manufacture	I u 5	677	Lutherans	A o 11 +	289
Linguistics	O a	400	Lyric poetry	O d	811, 821, 831, etc.
Liquors	I g 5, I u 10 +	663	" " Greek	O d 1	884
Litany	A g 1, 2	244	" " Latin	O d 1	874
Literary criticism	O b	824, 834, 844, etc.	Mabinogion	O f 7	
periodicals	O n	805	Macaronics	O d 7	819, 829, etc.
miscellanies	O l	819	Machine engraving	I s 3	768
English	O l 2	829	Machinery	I q	621
French	O l 3	849	Machines	I q	621
German	O l 4	839	Madagascar	U y 3 □	969
Italian	O l 5	859	Madeira	U d 8 +	914
Spanish	O l 6	869	Madness	I n 8	132
property	E m	343	Magazines	O n	50, 105, 205, etc.
Literature	O	800	Magic	I e, I x 2	133
ancient	Y k 1	870, 899	Magnetic observations	I k 3	538
biography of	U z, Y k	928	Magnetism	I k 1	538
classical	O d 1, O e 1, etc. Y k 1	870, 880, 488-498	" animal	I e 4	134
history of	Y k	809	Magyar language	O a 2	497
medieval	Y k 6	S	literature	Y k 6	897
modern	Y k	S	poetry	O d 6	897
oriental	Y k 6	890	Magyars	U s 1	943
Lithography	I s 3	763	Mahometanism	A p	297
Lithology	I l 4	552	Mails	I o 3 +	383
Liturgies	A g	444	Maine	U y 8	974
Local histories, American	U y 8, U y 9 +	976, 980	Malacca	U d 11, U x 3	901, 919
" " British	U c 3	941, 942	Malaria	I n 6	614
Locke	I c	192, 145	Malayan language	O a 2	499
Locks and keys	I u 10	683	Malaysia	U x 3	991
Locomotives	I i 6	621	Malt	I u 10 +	663
Logarithms	I o 3	514	Malta	U h 3 +	949
" tables	I o 3	514	Mamelukes	U x 1	962

Mammalia	I 16	599	Mauritius	U x 3 □	
“ palæontology	I 12	569	Mausoleums	I s 4, U f 9	718
Man	I m	233	Maxims	O g	819, 829, 839, etc.
“ antiquity of	U f 1	571	Measles	I n 5	616
“ ethnography	I m 2	390	Measures and weights	I i 3	389
“ mental nature of	I c	130, 150	Mechanic arts and trades	I u	680
“ natural history of	I m	573	“ dictionaries	I u	603
“ physiology of	I n 1	612	“ exhibitions	I u 16	606
Mania	I n 8	132	“ periodicals and transac-		
Maniacs	I n 8	132	“ tions	I u	605
Manitoba	U y 9 viii	917, 971	Mechanical drawing	I s 1	744
Manners and customs	U f 9	390	“ engineering	I q	621
Manuals, collectors’	I l, I s, U g, etc	579	“ trades	I u	680
“ travellers’	U d	910	Mechanics	I q	531
Manufactures	I u	670	Mechanics’ associations	I i 1	606
“ history of	I u	670	Medals	U g	737
Manures	I u 11	631	Medical biography	I n 9, U z	926
Manuscripts	U z 5, Y i 2	13-21	“ botany	I n 2	615
Maps	U b i, U b 2, etc.	910	“ dictionaries	I n	610
“ astronomical	I p	524	“ directories	I n 9	610
Marble manufacture	I s 4	673	“ education	I n 9	610
Marbles	I l 4	731	“ ethics	I n 3 +	174, 616
Marine architecture	I v	699	“ history	I n 9	610
“ insurance	I o 4 +	368	“ jurisprudence	E i	343
“ law	E b	346	“ periodicals and transac-		
Maritime law	E b	346	“ tions	I n	610
Mark	A c 5	226	“ practice	I n 3	616
Market gardening	I u 11	635, 643	“ schools	I n 9	610
Markets	I u 15	643	Medicine	I n	610
Marriage, customs	U f 9	390	“ history of	I n 9	610
“ ethics	I g 2	173	“ veterinary	I u 13	619
“ law	E e 3	343	Medieval architecture	I t	723
Martial law	E n	347	“ art	I s 10	709
Martyrs	A o 13	272	“ customs, costumes	U f 9	392
Mary Queen of Scots	U p 2 △	933	“ design	I s 1	747
Maryland	U y 8	976	“ history	U o 1	900
Mason & Dixon’s line	U y 8	326	“ Latin	O a 1	479
Masonry	I t 3	693	“ philosophy	I a 1	108, 109
“ Free	U i	366	“ sculpture	I s 4	734
Massachusetts	U y 8	974	Meditations, theology	A h	242
Materia medica	I n 2	615	Mediterranean	U b 10, U d 6	8
Materialism	I c	146	Melancholy	I n 8	132
Materials, building	I t	691	Melanésie	U x 5	
Maternity	I g 2, I n 4	136, 618	Melodeon	I s 7 v i	786
Mathematical drawing	I s 1	744	Melody	I s 7	781
“ instruments	I o 3	629	Memoirs	U z	920
“ tables	I o 3	514	“ scientific	I y	506
Mathematics	I o	510	Memory	I u 1	154
“ history of	I o	510	Mensuration	I o 2	612
“ periodicals and transac-			Mental derangement	I n 8	132
“ tions	I o	510	“ faculties	I c	158
Matthew	A c 5	226			

Mental hygiene	I n 8	131	Mineralogy	I l 4	549
“ philosophy	I c	140-150	Mines, mining	I l 4	628
“ physiology	I n 8	131	Miniatures	I s 2	757
“ science	I c	150	Mining companies	I l 4 Δ	628
Mercantile law	E e 2	343	Ministers	A l	250
manuals	I i 3	656	“ lives	A o 14, U s	922
theory and practice	I i 3	382, 658	“ office and duty of	A l	250
Merchant service	I i 3 +, I v 1	387	Minnesingers	O d 4	831
Merchants, lives of	I i 3 +, U z	923	Minnesota	U y 8	977
Mesmerism	I e 4	134	Minstrelsy	O d 2 +, etc.	811, 821, 831, etc.
Mesopotamia	U d 10, U x 1	959	Mints	I i 2	332
Messiah	A l, A n	232	Miracles	A f 2	231
Metal manufactures	I u 4	671	Miscellanies, historical	U n	902, 904
Metallurgy	I l 4, I u 4	669	Miscellany, literary	O m	819
Metaphysics	I c	110	English	O m 2	829
Meteorology	I k 3	551	French	O m 3	849
Methodism	A o 7	287	German	O m 4	839
Methodology	I c	112	Italian	O m 5	859
Methods of education	I h	371	Spanish	O m 6	869
Metric system	I i 3	389	Missals	A g 1, Y i 2	244, 282
Metrology	I i 3	389	Missions	A o 15	266
Mexican war	U y 10 +	973, 978	“ foreign	A o 15	267
Mexico	U y 10	978	Missionaries	A o 14	266, 267, 922
geography	U b	917	Mississippi River	U b 10	917
history	U y 10	978	“ State of	U y 8	976
travels	U d 13	917	“ Valley	U y 2 +	917, 977
Mezzotint	I s 3	776	Missouri	U y 8	917, 977
Michigan	U y 8	917, 977	“ River	U b 10, U y 2 +	917
Microscopy	I r 1	578	Mnemonics	I u 1	154
Middle ages, history	U o 1	8	Moab	U d 10 +	933
“ States	U y 2	975	Modeling	I s 4	731
Midwifery	I n 4	618	Modern architecture	I t	724
Military and naval arts	I v, I w	355-359	“ costumes, customs	U f 9	393-399
academies	I h 2, I n, U y 7 +	355, 378	“ geography	U b	913-919
engineering	I w	623	“ Greek	O a 1	489
history	I w 1	355	“ history	U o	940-999
law	E n	347	“ philosophy	I a	190
schools	I h 2	355, 378	“ sculpture	I s 4	735
science	I w	355	“ thought	I m 3	215
surgery	I n 4	617	Mohammedanism	A p	297
Militia	I w	355	Molecular physics	I k	539
“ laws	E n		Mollusca	I l 6	594
Milk	I u 13	637	palæontology	I l 2	564
Millennium	A l	236	Monaco	U u 5	914, 945
Millinery	I u 17	646	Monarchic institutions	I i	323
Mills, cotton, woollen, etc.	I u 5	677, 678	Monasteries	A o 15 +	271
paper	Y g 1	676	Monastic orders	A o 15 +	271
Mill-work, Mill-wrights	I u 10	621	Money	I i 2	332
Mind	I c	150	Mongolian language	O a 2	499
“ and body	I n 8	130	Monitors, iron-clads	I v	359, 699
Mineral waters	I l 2 +	615	Monks	A o 15 +	271

Monograms	Is 6, Y g 4	745-748	Musical instruments	Is 7 vi	786, 788
Monopolies	I i 1	331	Musicians	U z 1 Δ	927
Montana	U y 8	977	Mutual aid societies	I i 1	361
Montenegro	U d 6	914	Mysteries	A q 2 +, I e	133
Monuments	Is 4, U f	718	Mysticism	A o 2 +	289
Moon	U p	523	Mythology, comparative	A q 1	291
Moral philosophy, history	I g	170	“ German	A q 3	293
systems	I g	170	“ Greek & Roman	A q 2	292
Morals of amusements	I g 4	175	“ Norse	A q 3	293
business	I g 4	174	“ of Egypt	U f 4	291
marriage	I g 2	173, 176	“ Oriental	A q 4, 5, 6	294, 297
politics	I g	172	Myths	A q, O f 7	291
society	I g 3	177	Names	U h 2	929
young men	I g 3	170	Naples	U u 4	914, 945
young women	I g 2	170	Napoleon I	U v 3	923, 944
Moravian missions	A o 15	266	“ III	U v 6	923, 944
Moravians	A o 11	289	Narcotics	I n 2 +	615
Morea	U l 1	949	National costumes	U f 9	390
Mormonism	A o 9	298	“ customs	U f 9	390
Morocco	U x 6	964	Natural history	I l	550-590
Morphology	I l 5	581	“ “ Biblical	A d	220
Mortality statistics	U c	312	“ “ of different		
Mortar	I t 3	693	countries	I l 1	550-599
Mortgages	E e 1	343	Natural philosophy	I k	530
Mosaics	Is 2	751	“ science	I l	500
Moslems	A p	297	“ selection	I l 7	575
Mosquito shore	U y 10	979	“ system of botany	I l 5	582
Mosses	I l 5	582	“ theology	A b	210
Mothers	I g 2, I n 4	173	Naturalization	E o	343, 325
Moths	I l 6	595, 646	Nature	I l	500
Mottoes	O g, U h 1	819, 829, etc.	Naval architecture	I v	699
			“ history	I v 1, U p 8,	
Mouldings	I t	721		U y 14	359
Mound-builders	U f 8	571	Naval men, lives of	U p 8, U y 14, U z	926
Mountains	U b 11	551	Naval schools	I h 2	359, 378
Mulberry	I u 11 +	634	Naval science	I v	359
Municipal government	I i	342	Naval war	I v	359
“ law	E f	343	Navies	I v, U p 8, U y 14	359
Murder	E h	345	Navigation	I p, I v, U b 10	
Music	Is 7	780			527, 656
criticism	Is 7	780	“ laws	I i 1	346
dictionaries	Is 7	780	Navy, British	U p 8	359, 941-2
history	Is 7	780	“ U. S.	U y 7 v	359, 973
periodicals	Is 7	780	Nebraska	U y 8	977
sacred	A i, Is 7 □	783	Necromancers	I e, U z 1	133
secular	Is 7 i v	S	Needle-work	Is 8, I u 17	646, 793
single compositions	Is 7 v	S	Negroes	A m 2 +	573, 326
songs with	Is 7 Δ	784	Negro slavery	I i 4, U y 6	326
vocal	Is 7 +	784	Neo-platonism	I a 1	186
Musical collections	Is 7 i v	780, S	Nepotism	I i	323
“ composition	Is 7	781	Nervous system	I n 1	611
“ drama	Is 7 Δ, O e 7	782	Nestorians	A o 1	281

Netherlands	U t	949	Northwest Passage	U d 3	998
Neuroptera	I l 6	595	Norway	U f 7, U q 3, U r	948
Neutrals	E b	341	Nosology	I n 3	616
Nevada	U y 8	977	Nouvelle France	U y 9 +	972
New Brunswick	U y 9 Δ	972	Nova Scotia	U y 9 Δ	972
“ England	A o 5, U y 8	974	Novels	O f	813
“ Granada	U y 11	986	English	O f 2	823
“ Guinea	U d 4	995	French	O f 3	843
“ Hampshire	U y 8	974	German	O f 4	833
“ Jersey	U y 8	975	Italian	O f 5	853
“ Mexico	U y 8	978	Spanish	O f 6	863
“ Orleans	U y 8	917, 976	Nubia	U d 12 +, U x 11	962
“ Platonism	I a 1	186	Numbers, book of	A e 3	222
“ Testament	A e 5	225	Numismatics	U g	377
“ York	U y 8	975	Nunneries	A o 15 +	362
“ York city	U y 8	917, 975	Nursery	I u 17	649
“ Zealand	U d 4, U x 5	996	Nursing	I n 3	616, 649
Newfoundland	U y 9 Δ	971	Oaths	E a	349
Newspaper cuttings	O p 2	8	Object teaching	I h	371
Newspapers	O p	50	Observations, astronomical	I p	525
Nicaragua	U d 13 Δ, U y 10	979	Obstetrics	I n 4	618
Nile	U d 12 +, U x 4	916	Ocean currents	U b 10	551
Nineveh	U f 2	915, 935	“ exploration	U d 3	910
Nobility	U h	322	“ geography	U b 10	910
Nobles, lives of	U h 2	923	“ transportation	I v, I v 1	387, 656
Non-Christian religions	A q	290	“ world	U b 10 551, 597, 913	
Non-jurors	U p 1 Δ	283, 274, 942	Oceanica	U x 5	990
Normal schools	I h	371	botany	I l 1, I l 5	589
Norman conquest	U p 1	942-946	customs and costumes	U f 9	399
Normandy	U d 8, U v	944	ecclesiastical history	A o 15	279
Normans	U r	942, 944	geography	U b 9	919
Norse	O a 2	498	geology	I l 3	559
Norse language	O a 2	498	history	U x 5	990
literature	Y k	898	statistics	U x 5	319
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